

DOVA-PLAST 800

GYPSUM PLASTER OF PARIS
POP



TECHNICAL DATA SHEET (TDS)

TECHNICAL DATA SHEET (TDS)

DOVA-PLAST 800

GYPSUM PLASTER OF PARIS POP



TECHNICAL INFORMATION

Plaster to water Ratio	
Plaster to Water Ratio (by weight)	1.25:1
Water to plaster ratio (by weight)	80%
Chemical Properties	
Chemical Composition	> 95 % CaSO4.1/2H2O
Setting Properties	
Vicat Ring Fluidity (cm)	25- 35
Initial setting time (minutes)	8-12
Final setting time (minutes)	20- 30
Linear Expansion (%)	0.20
Mechanical Properties	
Flexural Strength (MPa)	3.2
Brinell Hardness (MPa)	18
Dry compressive strength (Mpa)	12-15
Physical Properties	
Color degree Bright white	>95%
Shape	Powder
Particle Size (% weight retained)	< 5 % at 150 µm
Apparent Bulk Density	(g/cm ³) 950
Reaction to fire	resist (1000C)till 2 hours with out deformation
Acoustic performance	decrease acoustic waves to 50 %
Thermal Conductivity	0.316 W/(m.k)

PACKAGING

**PACKING AVAILABLE : 25 kg – 40 kg (PAPER BAGS 2 PLIES + PE) / PP. BAGS
JUMBO BAGS 1.2 TON / 1 TON**

SHELF LIFE (MONTH): 12

STANDARD:

According to European standard EN13279 –Egyptian standard 188/2013

➤ PROPERTIES

- ☐ Color: White
- ☐ Odor: Low odor
- ☐ Appearance form: Fine powder
- ☐ Relative density: 750 kg/m³
- ☐ Solubility: partly soluble 2.0 – 2.5 g/l 20°C

PRODUCT DESCRIPTION

Plaster Of Paris gypsum is a formulated binder plaster (B₂ class) used in buildings to produce decorative gypsum cornices and ceiling decorations.

PRODUCT BENEFIT

- ☐ Excellent for making the gypsum cornices and ceiling plastering.
- ☐ Good balance between mechanical properties and workability.

APPLICATIONS

Construction Materials, Fibrous and Decorative plaster. Decoration, plastering, Sculpture, etc.



TECHNICAL DATA SHEET (TDS)

DOVA-PLAST 800

**GYPSUM PLASTER OF PARIS
POP**

➤ COMPOSITION

DOVA-PLAST 800 is gypsum powder is a moderate setting gypsum powder suitable for many building purposes.

➤ PROTECTIVE MEASURES

FIRST AIR MEASURES

- ❖ Avoid breathing dust. Move to fresh air and keep comfortable.
- ❖ Wash hands thoroughly after handling.
- ❖ If in contact with your eyes immediately wash them with tap water for 10 minutes.
- ❖ If swallowed, wash your mouth with water. Drink a substantial amount of water.

FIRE FIGHTING MEASURES

- ❖ DOVA-PLAST 800 is nonflammable.
- ❖ The products does not pose a fire hazard.

ACCIDENTAL RELEASE MEASURES

Use a shovel to put the material into a convenient waste disposal container.

- ❖ Avoid breathing dust.
- ❖ Avoid contact with your eyes.
- ❖ Wear respiratory protection.
- ❖ Wear gloves during handling and application.

STABILITY AND REACTIVITY

- ❖ **Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.
- ❖ **Chemical stability:** Material is stable under normal conditions.

TOXICOLOGICAL INFORMATION

- ❖ Products are Non-Toxic
- Products are not Mutagenic or Carcinogenic and are not toxic to the reproductive cycle.
May cause irritation to the eyes and respiratory system, with no known long-term effects.



TECHNICAL DATA SHEET (TDS)**DOVA-PLAST 800****GYPSUM PLASTER OF PARIS
POP**

+2033832405 / +2033832406
+201000489094
ashraf@mada-trade.com
<https://www.mada-trade.com>
El-thagr complex, building 2, apartment 105,
el-nozha airport road, DHL building, 5431001,
Alexandria, Egypt.



+357-976 39 600
ashraf@bodovaltd.com
<https://www.bodovaltd.com>
Thiseiou 8, Germasoyia, 4041-
Limassol, Cyprus.

